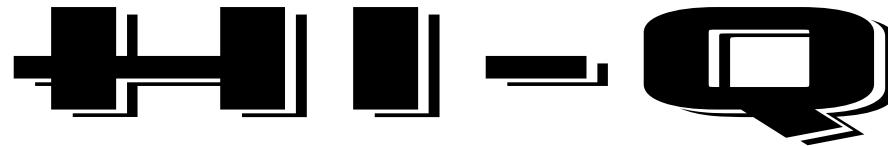




# Journal of the Lakehead Amateur Radio Club



Thunder Bay, Ontario



Volume 85

January 2019

Issue 1

## What's Happening at VE3SAO?

As most of you are aware there is an Amateur station at the 55+ Centre on River Street, VE3SAO.

It's fairly well appointed with a TS 590, FT 2000 and a FT 1000 along with a VHF rig. For our antenna farm we have a 40 Metre beam, a WARC bands rotatable dipole and a TH 6 DX for 14 MHz and up. There is also a G5RV for 40 and 80 as well as some VHF / UHF antennas.

Each rig has an associated computer used for logging and all are set up to use all the new digital modes on all the bands. If you want to give FT 8 a whirl come and give it a try. Each rig also has a mike and key ready to go.

Several times a year we also operate from the field in the back yard of the centre and have even set up WSPR transmitters on 3 different antennas and then compared the results.

We also have a 200 mW WSPR beacon feeding a G5RV and you can see who is copying us by going to <http://wsprnet.org/drupal/wsprnet/map>

Stuck in a condo or XYL doesn't want antennas in the yard, we've equipped the TS 590 to be operated remotely. The software is installed on your home computer and you can operate the rig and can even turn the rotator from your home.

Volunteers (checkpoint and sweep) are needed for the  
Teen Challenge  
THUNDER BAY RIDE  
February 2, 2019 - Kakabeka Falls

please contact  
Chris Chadwick VA3TBA  
at 626-4102  
more info at  
<http://www.teenchallenge.mb.ca/sleddbay>

While were primarily a HF centric group we have set up in the back and worked the satellites as they pass over Thunder Bay.

A fair number of us are also tinkerers so it's not uncommon if we're not operating the conversation will turn to some circuit or operating techniques.

Our next outdoor event is FYBO or Freeze Your B@!!s Off, which goes on February 2nd from about 10 AM until we get cold, typically about noon or 1 PM. The best part of this event is that we have a big pot of chilli waiting for us at the centre once we're done. We usually meet every Sunday at the centre from 2 to 5 PM. As a further enticement at 4 we have coffee and cookies.

Why not come and check us out one Sunday?  
'XT



**LARC SENATE**

Robert Hansen VE3RVA  
Dave Kimpton VE3AVS  
Laurie Bridgett VE3BCD  
Terry Stewardson VA3LU  
Ed Baumann VE3SNW

**LARC EXECUTIVE**

**President:** Randy Gottfred VA3OJ

**Vice-President:** Bob Hansen  
VE3RVA

**Treasurer:** TBA

**Board Member:** Mike Skillen VE3EDX

**Board Member:** Mark Vaillant  
VA3MVR

**Board Member:** Brad Harris VE3MXJ

**LARC Emergency Coordinator****ARES District Emergency  
Coordinator**

Brad Harris VE3MXJ

**CANWARN**

VA3JMS John 767-3631  
VE3RRP Karl

**Public Service Events**

VA3TBA Chris Chadwick

**Accredited Examiners**

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[flesnick@tbaytel.net](mailto:flesnick@tbaytel.net)  
VE3VAI Lori Bedford (807) 630-7688 [ve3vai@tbaytel.net](mailto:ve3vai@tbaytel.net)

**ABOUT US**

The Lakehead Amateur Radio Club (LARC) is an incorporated not for profit group of amateur radio operators in the Thunder Bay area that meet for self education, community service and fellowship. Our meetings are the second Thursday of the month at room 214 McIntyre Building, Confederation College, 7:00 PM. Our postal address is 1100C Memorial Ave. Suite 184, Thunder Bay, Ontario P7B 4A3. This newsletter is published monthly except for July and August by Ed Baumann VE3SNW and questions and submissions may be emailed to [hiqnewsletter@gmail.com](mailto:hiqnewsletter@gmail.com)

These businesses support the LARC!



and

**Anton's Fire and Safety**

**LARC OPEN ACCESS REPEATERS**

**VE3YQT(Mount Baldy)147.060 (-600) Phone Patch**

**VE3TBR (St. Joseph's) 146.820 pl 107.2**

**442.075 (+5 MHz)pl 100**

**144.390 APRS**

**VE3UPP Upsala 145.470 (-600)**

**December 2018 Treasurers Report**

<b>Opening Balance December 1, 2018</b>	<b><u>\$1,454.78</u></b>
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**Income**

December 7, Nav Can donation for John, VE3EMI	\$250.00
December 7, Membership from Stuart, W8EEK	\$25.77
December 14, Membership	\$35.00
December 14, Sale of connectors	\$20.00
<b>Total Income</b>	<b><u>\$330.77</u></b>

**Expenses**

December 13, Order LARC Cheques,	\$49.25
December 24, Con College Room Rental	\$84.75
December 31, Service Charge	\$1.80
<b>Total Expenses</b>	<b><u>\$135.80</u></b>

<b>Closing Balance December 31, 2018</b>	<b><u>\$1,649.75</u></b>
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<b>Trailer Account</b>		
	<b>Previous Balance</b>	<b>\$927.78</b>
<b><u>Income</u></b>		
Interest		\$0.04
Total		<b>\$927.82</b>
<b><u>Expenses</u></b>		
Total Expenses:		\$0.00
	<b>Balance in Trailer Account</b>	<b>\$927.82</b>

**Term Account**

<b>Opening Balance December 01, 2018</b>	<b>\$2,063.59</b>
December Interest	\$0.42
<b>Closing Balance December 31, 2018</b>	<b>\$2,064.01</b>

**Bill Unger VE3XT****Treasurer**

**Ham Radio  
ROCKS!**

**January**

**2019**

## Minutes for the Lakehead Amateur Radio Club

**Date: December 13, 2018**

**President, Randy Gottfred VA3OJ Presiding.**

**Guest Speaker:**

Member show and tell

**Coffee Break, Socializing 15-30 minutes approx.**

**Treasurer's Report: Bill Unger VE3XT**

Bill Unger VE3XT moves to accept the report as printed in Hi-Q. Seconded by

Brad Harris VE3MXJ. Passed Unanimously.

**Minutes of Previous Meeting:**

Karl Hamilton VE3RRP moves to accept the previous meeting's minutes as printed in Hi-Q. Seconded by Chris Chadwick VA3TBA. Passed.

**Old Business:**

**Public Service (Chris Chadwick VA3TBA public events coordinator)**

**Past Events:**

None since last meeting

**Upcoming Events**

**Sled for Eternity, Adult and Teen challenge. Coming up February 2.**

Chris VA3TBA will look into a volunteer for coordinator?

**CANWARN John Sacek VA3JMS**

No news

**ARES Brad Harris VE3MXJ**

After speaking with Allan Boyd VE3AJB, Section Manager, Ontario North ONN, Director Ontario North/East, Radio Amateurs of/du

Canada, and Stig Larsen, VE3LBX CEC Section Emergency Coordinator for Ontario North (ONN) Brad has been reinstated as the A.R.E.S. Emergency Coordinator for the City of Thunder Bay and surrounding area.

Brad made contact with Sharon Bak who is the EMO coordinator for Amethyst District. She has offered IMS training, which is required when working with first responders. Brad has also contacted Woody in Sioux Narrows who responded to emergency conditions there. He has also made contact with Warren in Atikokan, the EC there. Brad reported having a good session with the Oliver Papoonge Fire Chief. Their facility is a practical location for an ARES emergency VHF station, but, due to security requirements, is impractical for regular LARC club use.

**Repeater News**

**Randy Gottfred VA3OJ,**

**Terry Stewardson VA3LU**

Randy reported receiving new commercial grade used batteries that will be used to upgrade the repeater system.

**Club Trailer:**

**Bob Hansen VE3RVA**

Mark Vaillant VA3MVR announced he recruited new LARC Club sponsors: Chartwell will sponsor LARC \$1000 per year

for 3 years, and Anton's Fire and Safety will donate \$200 per year for 3 years.

**LARC Revitalization: 20/20 (Randy Gottfred, VA3OJ)**

Executive is working on securing a dedicated meeting space, a membership list, a spring swap meet, brochure handout, Holding corporate sponsorship at \$1900/yr, repeater insurance, and is following up on suggestions for meeting's speakers and a digital net.

**New Business**

-none

**Adjournment** moved by: Chris Chadwick VA3TBA

**Next Executive Meeting: January 3, 2019, 7 PM, RM 213**

**Next LARC Meeting: January 10, 2019, 7 PM, RM 214**

### The Treasurers Report

After my lament several months ago I would like to thank all the members of the Lakehead Amateur Radio Club for stepping up to bat and supporting your club at various levels. In my six years as Treasurer I've never seen such support. THANK YOU! Because of your caring and support the LARC is in a much better place financially now.

As noted in my lament if you are using any of the clubs services please support the LARC. It costs money to run the LARC and memberships are our only source of income.

As noted above I've been Treasurer for six years and the 2019 / 2020 season would have been seven. After some thinking about it, it's time for me to hang up my ledger. So in six months, after the last meeting on June 13, 2019 I will be quitting as Treasurer.

I would like to thank all the Executive I've had the pleasure with working with over the last six years. It made my job so much easier.

I believe this is ample time to find someone who is willing to do the job. I've got lots on my plate at the moment and something had to give. I will be prepared to give some guidance to the new Treasurer but that doesn't mean doing the job.

Regards,

Bill VE3XT

## January

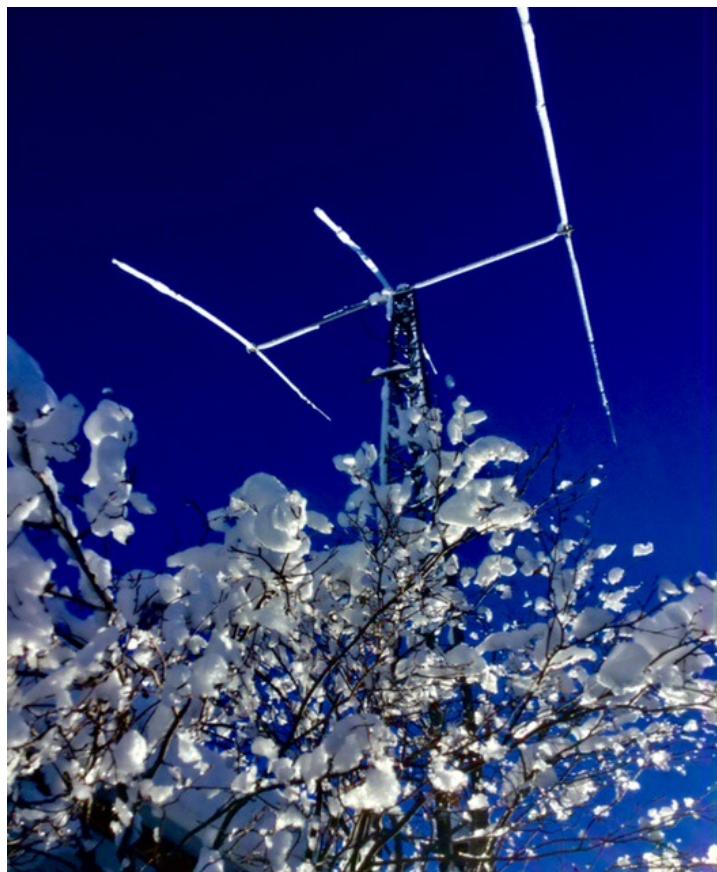
One of LARC's international members is Stuart, W8EEK in Calumet, MI. He asked if we could publish the following info.

### Keweenaw County Repeater Association Net

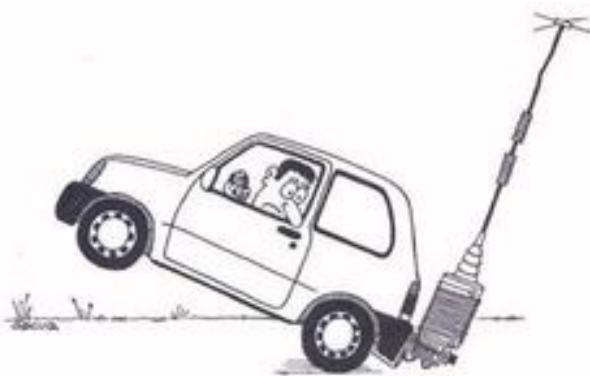
147.315 MHz + / 443.150 MHz PL 100 Hz

Friday night net at 9 PM EST

All check ins are welcome especially VE/VA 3's



Mike Wolowich VE3HZW suffered some beam damage as result of our recent snowstorm. At least it's pretty!



2019

**Every month Al VA3AMY scours the net looking for interesting links. Have fun checking them out.**

<https://www.musttechnews.com/radio-ga-ga-what-is-ham-radio-and-how-does-it-work/>

<https://www.dailymail.co.uk/sciencetech/article-6541967/Geomagnetic-storms-sound-like-crackly-laser-guns-transformed-audio-files.html>

<https://hackaday.com/2019/01/05/google-assistant-now-available-on-ham-radio/>

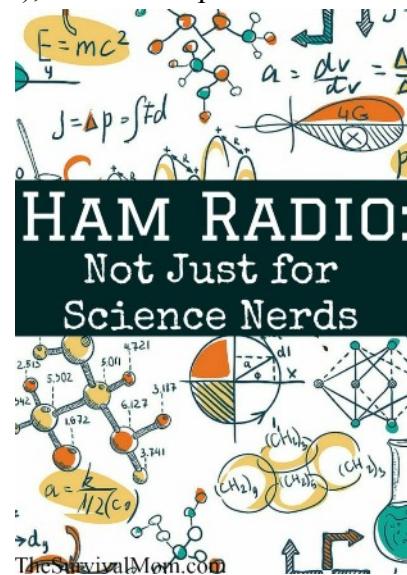
### New Amateur Radio Packet Gear Awaits Unpacking, Installation on Space Station

2018-12-19 By Alan Griffin

The following news item is courtesy of the American Radio Relay League:

New Amateur Radio on the International Space Station (ARISS) packet equipment awaits unpacking and installation on board the station after arriving in November as part of the cargo transported via a Russian 71P Progress resupply vehicle. The new packet module for NA1SS will replace the current packet gear, which has been intermittent over the past year.

"With the arrival of Progress complete, the crew has to find free time unpack Progress, uninstall the intermittent module, and then set up and test the replacement packet module," explained Dan Barstow, KA1ARD, Senior Education Manager of the ISS National Laboratory (CASSIS), an ARISS sponsor.



# January 2019

Mon	Tue	Wed	Thu	Fri	Sat	Sun
	1 New Year's Day	2	3	4	5	6
7	8	9	10 LARC Meeting at Confederation College McIntyre Building 1900 hrs	11 NCCC RTTY Sprint	12 North Ameri- can QSO Party, CW	13
14	15	16 Fone Fray	17	18	19 ARRL VHF Contest	20
21	22	23	24	25 CQ 160 M Contest, CW	26 Winter Field Day	27
28	29	30	31	and coming up in February		
				2 FYBO 2 MN QSO Party 2 BC QSO Party		